

<b>INFORMATION DISCLOSURE STATEMENT</b>	<b>Atty. Docket No.:</b> H0002442-01 (115.00260101)	<b>Serial No.:</b> 10/034,696
	<b>Applicant(s):</b> PAVLIDIS et al.	<b>Confirmation No.:</b> 1502
	<b>Application Filing Date:</b> 12/27/01	<b>Group:</b> 2613
	<b>Information Disclosure Statement mailed:</b>	

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
CLL	5,557,684	9/17/96	Wang et al.			
CLL	5,764,283	6/9/98	Pingali et al.			
CLL	5,966,074	10/12/99	Baxter			
CLL	6,184,792	2/6/01	Privalov et al.			

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
CLL	93 05488 A	3/18/93	WO				
CLL	00 33253 A	6/8/00	WO				
CLL	0 986 036 A	3/15/00	EP				

**OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)**

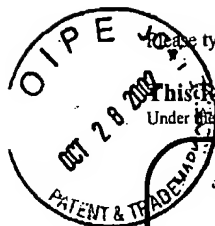
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(USE AS MANY SHEETS AS NECESSARY)

Sheet 1 of 1

### COMPLETE IF KNOWN

Application Number	10/034,696
Filing Date	12/27/2001
First Named Inventor	IOANNIS PAVLIDIS
Group Art Unit	
Examiner Name	
Atty. Docket No.	H0002442-01

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Publication of Cited Document MM/DD/YYYY	Pages, Columns, Lines where relevant passages or relevant figures appear
		Number	Kind Code (if known)			
CLL		5689611		Hamada, Toshimichi et al.	11/18/1997	
CLL		5657073		Henley, Stuart L.	08/12/1997	

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### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM/DD/YYYY	Pages, Columns, Lines where relevant passages or relevant figures appear	T <sup>6</sup>
		Office <sup>3</sup>	Number	Kind Code (if known)				
CLL		EP	0884897A		Hitachi Ltd.	12/16/1998		
CLL		EP	1061487A		Ist Trentino Di Cutura	12/20/2000		

Examiner Signature		Date Considered	12/16/04
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1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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<b>INFORMATION DISCLOSURE STATEMENT</b>	Atty. Docket No.: 115.00220101	Serial No.: 10/034,696
	Applicant: Ioannis Pavlidis	Confirmation No.: 1502
	Filing Date: Dec. 27, 2001	Group: 2613
Information Disclosure Statement mailed: July <u>16</u> , 2002		

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	None					JUL 23 2002

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation
	None					Yes No

## OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Document Description
CLL	Anderson et al., "Change detection and tracking using pyramid transform techniques," <i>Intelligent Robots and Computer Vision: Proceedings of SPIE - The International Society for Optical Engineering</i> , 1985; 579:72-78. ✓
CLL	Blackman, <i>Multiple-Target Tracking with Radar Applications</i> , 1986, Artech House, Dedham, MA, Cover page, Publication page, and Table of Contents only. (7 pgs.). ✓
CLL	Buntine, "Learning classification trees," <i>Statistics and Computing</i> , 1992; 2:63-73. ✓
CLL	Collins et al., "A system for video surveillance and monitoring: Vsam final report," <i>Tech. Rep. CMU-RI-TR-00-12</i> , Robotics Institute, Carnegie Mellon Univ., Pittsburgh, PA, 2000, 1-68. ✓
CLL	Comaniciu et al., "Real-time tracking of non-rigid objects using mean shift," <i>Proceedings 2000 IEEE Conference on Computer Vision and Pattern Recognition</i> , Hilton Head Island, SC, 2000 June 13-15; 2:142-149. ✓
CLL	Cox et al., "An efficient implementation of Reid's multiple hypothesis tracking algorithm and its evaluation for the purpose of visual tracking," <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 1996; 18(2):138-150. ✓

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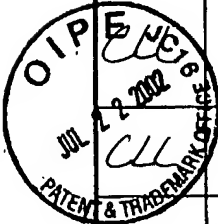
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CLL	Dempster et al., "Maximum likelihood from incomplete data via the EM algorithm (with discussion)," <i>Journal of the Royal Statistical Society B</i> , 1977 39(1):1-38.
CLL	Elgammal et al., "Non-parametric model for background subtraction," <i>Computer Vision – ECCV 2000</i> , Vernon, ed., Springer-Verlag, Berlin Heidelberg, 751-767.
CLL	Gao et al., "Error analysis of background adaptation," <i>Proceedings 2000 IEEE Conference on Computer Vision and Pattern Recognition</i> , Hilton Head Island, SC, 2000 June; 1:503-510.
CLL	Grimson et al., "Using adaptive tracking to classify and monitor activities in a site," <i>Proceedings 1998 IEEE Conference on Computer Vision and Pattern Recognition</i> , Santa Barbara, CA, 1998 June 23-25; 22-29.
CLL	Haritaoglu et al., "W <sup>4</sup> S: A real-time system for detecting and tracking people in 2 1/2d," <i>Proceedings 5<sup>th</sup> European Conference on Computer Vision</i> , 1998 June 2-6; Freiburg, Germany, 1:877-892.
CLL	Hartley et al., <i>Multiple View Geometry in Computer Vision</i> , 2000, Cambridge UP, Cover pg., Publication pg., and 69-116.
CLL	Horn, <i>Robot Vision</i> , The MIT Press, Cambridge, Mass., 1986; Cover page, Publication page, Table of Contents, and 66-69.
CLL	Jeffreys, <i>Theory of Probability</i> , Univ. Press, Oxford, 1948, Cover page, Publication page, and Table of Contents only. (4 pgs.)
CLL	Kanade et al., "Advances in cooperative multi-sensor video surveillance," <i>Proceedings DARPA Image Understanding Workshop</i> , 1998 Nov. 20-23; Monterey Cali., 3-24.
CLL	Kanatani, "Optimal homography computation with a reliability measure," <i>Proceedings of the IAPR Workshop on Machine Vision Applications</i> , 1998 Nov. 17-19; Makuhari, Chiba, Japan:426-429.
CLL	Kanatani, <i>Statistical Optimization for Geometric Computer Vision: Theory and Practice</i> , 1996, Elsevier Science, Amsterdam, Netherlands, Cover page, Publication page, and Table of Contents only. (7 pgs.).

EXAMINER <i>Chris Lavin</i>	Date Considered 12/16/04
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Examiner Initial	Document Description
CLL	Lee et al., "Monitoring activities from multiple video streams: Establishing a common coordinate frame," <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2000 Aug.; 22(8):758-767.
CLL	Lin, "Divergence measures based on the shannon entropy," <i>IEEE Transactions on Information Theory</i> , 1991; 37(1):145-151.
CLL	McLachlan et al., <i>Mixture Models Interference and Applications to Clustering</i> , 1988, Marcel Dekker, New York.
CLL	Oliver et al., "A bayesian computer vision system for modeling human interactions," <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2000 Aug.; 22(8):831-843.
CLL	Ormoneit et al., "Learning and tracking human motion using functional analysis," <i>Proceedings 2000 IEEE Workshop on Human Modeling, Analysis, and Synthesis</i> , Hilton Head Island, SC, 2000 June; 2-9. (8 pgs.).
CLL	Pavlidis et al., "Urban Surveillance Systems: From the Laboratory to the Commercial World," <i>IEEE Proceedings</i> , 2001 Oct.; 89(10):1478-1497.
CLL	Ratches, "Aided and automatic target recognition based upon sensory inputs from image forming systems," <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 1997; 19(9):1004-1019.
CLL	Reid, "An algorithm for tracking multiple targets," <i>IEEE Transactions on Automatic Control</i> , 1979; 24(6):843-854.
CLL	Sacchi et al., "A distributed surveillance system for detection of abandoned objects in unmanned railway environments," <i>IEEE Transactions on Vehicular Technology</i> , 2000 Sept.; 49(5):2013-2026.
CLL	Stauffer et al., "Adaptive background mixture models for real-time tracking," <i>Proceedings 1999 IEEE Conference on Computer Vision and Pattern Recognition</i> , Fort Collins, Col., 1999 June 23-25; 2:246-252.
CLL	Stauffer et al., "Learning patterns of activity using real-time tracking," <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2000; 22(8):747-767.

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Examiner Initial	Document Description
CL	Stringa et al., "Real-time video-shot detection for scene detection for scene surveillance applications," <i>IEEE Transactions on Image Processing</i> , 2000 Jan.; 9(1):69-79. ✓
CU	Tsiamyrtzis, <i>A Bayesian Approach to Quality Control Problems</i> , Ph.D. thesis, School of Statistics, Minneapolis, MN, August 2000. ✓

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